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## NOTICE OF ALLOWANCE AND FEE(S) DUE

25944 7590 10/18/2010

OLIFF & BERRIDGE, PLC  
P.O. BOX 320850  
ALEXANDRIA, VA 22320-4850

EXAMINER

AUGUSTINE, NICHOLAS

ART UNIT

PAPER NUMBER

2179

DATE MAILED: 10/18/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/625,700

07/24/2003

Shinya Taguchi

116678

9945

TITLE OF INVENTION: IMAGE PROCESSING SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/18/2011

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

### HOW TO REPLY TO THIS NOTICE:

#### I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

25944 7590 10/18/2010

**OLIFF & BERRIDGE, PLC**  
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ALEXANDRIA, VA 22320-4850

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,700	07/24/2003	Shinya Taguchi	116678	9945

TITLE OF INVENTION: IMAGE PROCESSING SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/18/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
AUGUSTINE, NICHOLAS	2179	715-723000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/625,700	07/24/2003	Shinya Taguchi	116678	9945
25944	7590	10/18/2010	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 320850 ALEXANDRIA, VA 22320-4850			AUGUSTINE, NICHOLAS	
			ART UNIT	PAPER NUMBER
			2179	
DATE MAILED: 10/18/2010				

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 654 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 654 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

**Notice of Allowability**

Application No.

10/625,700

Examiner

NICHOLAS AUGUSTINE

Applicant(s)

TAGUCHI ET AL.

Art Unit

2179

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/13/2010.
2. ☒ The allowed claim(s) is/are 1-3 and 5-7.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date <u>03/19/10; 05/07/10</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                             | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. This action is responsive to the following communication: Amendment filed 09/13/2010.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Vishnu V. Ramaswamy (Reg. No. 66,739) on 09/29/2010.

The application has been amended as follows:

**Claim 1. (Currently Amended)** An image processing system, comprising:

**a display screen for displaying a single interface including:**

a video display section for reproducing and displaying video data on a screen;

a sync command data check program;

a picture display section for reproducing and displaying when initiated by the sync command data check program at least one of (i) still picture data extracted from the video data and (ii) data of a presentation document on the screen;

a designation section for accepting an instruction from a user to designate at least one item that is displayed by the picture display section, on the screen; and

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a correlation section for, upon the instruction entered by the user during the reproduction of the video data creating sync command that correlates the at least one designated item with a reproduction time position in the video data, wherein the at least one designated item correlated with the video are stored with keyword searchable data of at least one of (iii) text data of the presentation document and (iv) voice index data of the video data for each still picture, the sync command data check program checks for sync command data during reproduction and display of video data on the screen;

**wherein the at least one designated item is displayed in different sizes, and the different sizes are based on the time length and importance level of a corresponding section of the video data.**

**Claim 2.(Currently Amended)** An image processing system, comprising:

a registered client including

**a display screen for displaying a single interface including:**

a video display section for reproducing and displaying video data on a screen,

a sync command data check program,

a picture display section for reproducing and displaying when initiated by the sync command data check program at least one of (i) still picture data extracted from the video data and (ii) data of a presentation document on the screen,

a designation section for accepting an instruction from a user to designate at least one

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item that is displayed by the picture display section on the screen, and a correlation section for, upon the instruction entered by the user during the reproduction of the video data creating sync command that correlates the at least one designated item with a reproduction time position in the video data; and a distribution server for holding the video data and the at least one designated item that are correlated with each other, and in accordance with a request from a browsing client, providing the video data and the at least one designated item, wherein the at least one designated item correlated with the video data are stored with keyword searchable data of at least one of (iii) text data of the presentation document and (iv) voice index data of the video data for each still picture, the sync command data check program checks for sync command data during reproduction and display of video data on the screen;

**wherein the at least one designated item is displayed in different sizes, and the different sizes are based on the time length and importance level of a corresponding section of the video data.**

**Claim 5.(Currently Amended)** An image processing method, comprising:

reproducing and displaying video data on a screen;

**providing a single interface screen for:**

reproducing and displaying when initiated by a sync command data check program at least one of (i) still picture data extracted from the video data and (ii) data of a presentation document on the screen; and

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in accordance with an instruction entered by a user during the reproduction of the video data to designate at least one item that is reproduced and creating sync command data that correlates the at least one designated item with a reproduction time position in the video data, wherein

the at least one designated item correlated with the video data are stored with keyword searchable data of at least one of (iii) text data of the presentation document and (iv) voice index data of the video data for each still picture; and

checking for sync command data during reproduction and display of video data on the screen;

**wherein the at least one designated item is displayed in different sizes, and the different sizes are based on the time length and importance level of a corresponding section of the video data.**

**Claim 6. (Currently Amended)** An image processing method, comprising:

reproducing and displaying video data on a screen;

**providing a single interface screen for:**

reproducing and displaying when initiated by a sync command data check

program at least one of (i) still picture data extracted from the video data and (ii) data of a presentation document on the screen; and

in accordance with an instruction entered by a user during the reproduction of the video data to designate at least one item that is reproduced and displayed, creating sync command data that correlates the at least one designated item with a reproduction time



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position in the video data; and

registering the video data and the at least one designated item together with correlation data to a distribution server, wherein

the at least one designated item correlated with the video data are stored with keyword searchable data of at least one of (iii) text data of the presentation document and (iv)

voice index data of the video data for each still picture; and

checking for sync command data during reproduction and display of video data on the screen;

**wherein the at least one designated item is displayed in different sizes, and the different sizes are based on the time length and importance level of a corresponding section of the video data.**

**Claim 8 (Canceled).**

**Claim 9 (Canceled).**

**Claim 10 (Canceled).**

**Claim 11 (Canceled).**

**Claim 12 (Canceled).**

**Claim 13 (Canceled).**

**Claim 14 (Canceled).**

**Claim 15 (Canceled).**

**Claim 16 (Canceled).**

**Claim 17 (Canceled).**

**Claim 18 (Canceled).**

**Claim 19 (Canceled).**

**Claim 20 (Canceled).**

**Claim 21 (Canceled).**

**Claim 22 (Canceled).**

**Claim 23 (Canceled).**

**Claim 24 (Canceled).**

**Claim 25 (Canceled).**

***Allowable Subject Matter***

3. Claims 1-3 and 5-7 are allowed.

4. The following is an examiner's statement of reasons for allowance: Independent claims 1, 2, 5 and 6, when considered as a whole, are allowable over the prior art of record. Specifically, the prior art of Chen teaches the limitation: "a graphical user interface consisting of a video region, slide region and thumbnail region for displaying playback of content to the user". But the claims recite a different combination of limitation: "a picture display section for reproducing and displaying when initiated by the sync command data check program at least one of (i) still picture data extracted from the video data and (ii) data of a presentation document on the screen... the sync command data check program checks for sync command data during reproduction and

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display of video data on the screen; wherein the at least one designated item is displayed in different sizes, and the different sizes are based on the time length and importance level of a corresponding section of the video data...”, here referred to as ‘Limitation A’ that is not suggested or shown by Chen.

The prior art of Vigneaux teaches another combination, “a graphical user interface providing tools for the user to create, browse and catalog multimedia assets and storing keyword searchable data”, but does not suggest the Limitation A.

The prior art of Chiu teaches another combination, “a graphical user interface providing tools for a user to assign importance values to objects”, but does not suggest the Limitation A.

Further Chen, Vigneaux and Chiu teaches the limitation: “a graphical user interface for presenting the output of the users interaction with tools used to create, browse and catalog data with keyword searchable data to be presented in a video, slide and thumbnail region while assigning importance level to data objects”, but the claims recite a different combination of limitation “Limitation A”, that is not suggested or shown by the combination of Chen, Vigneaux and Chiu.

The dependent claims further add limitations to the allowable subject matter of the corresponding independent claims; thus are also allowable. Therefore the claims

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are allowed over the art because the claims differ in scope that is not seen or suggested by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Inquires***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056 and fax is 571-270-2056. The examiner can normally be reached on Monday - Friday: 9:30am- 5:00pm Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nicholas Augustine/  
Examiner  
Art Unit 2179  
October 8, 2010

/Weilun Lo/  
Supervisory Patent Examiner, Art Unit 2179